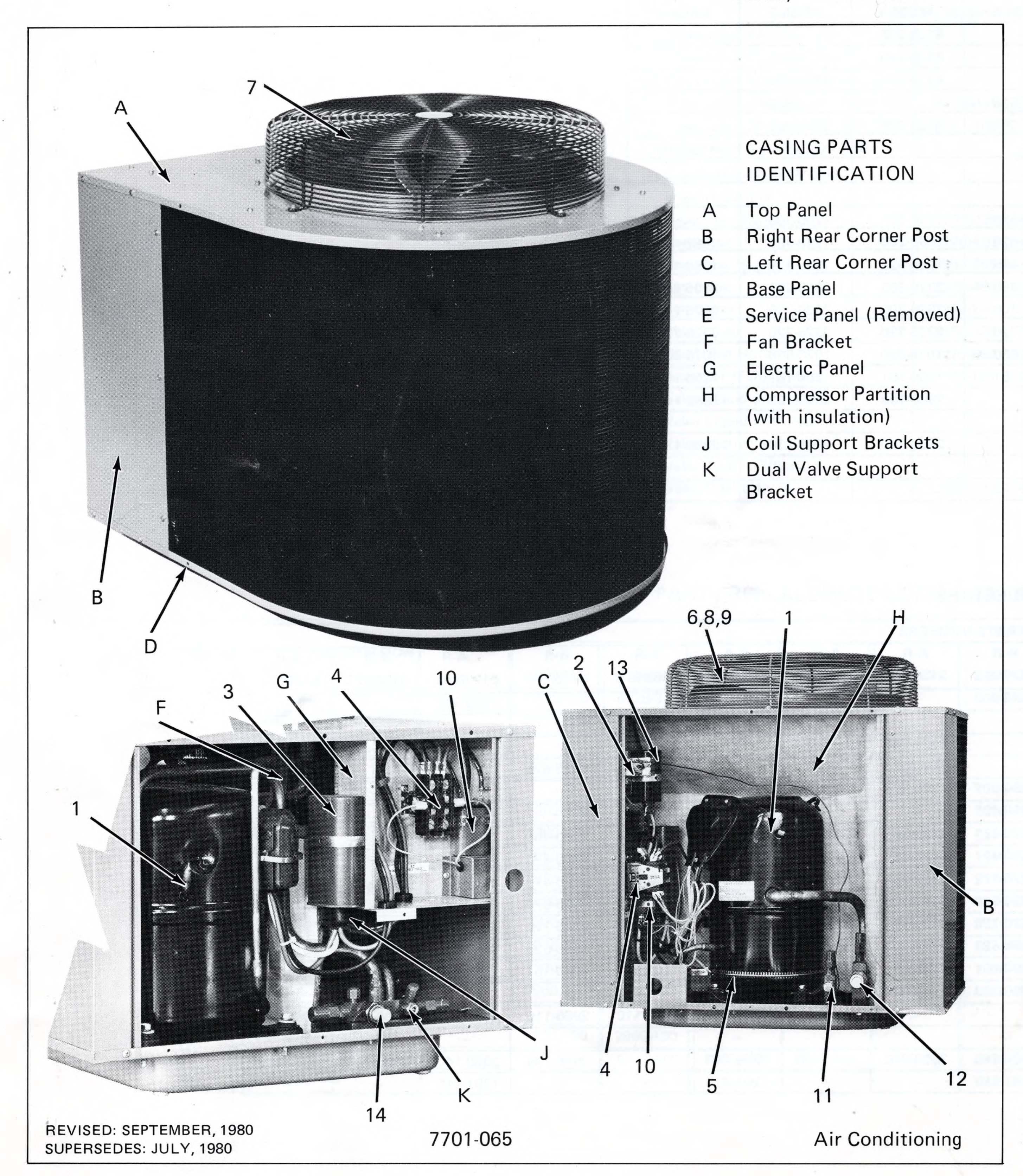
SINGER AIR CONDITIONING CONDENSING UNIT ACR & A-R

CLIMATE CONTROL PRODUCTS

MODELS: ACR 50119, 50124, 50029, 50036, A-R 503031, 511048, 513036, 513055, 512042, 513060, 513048



CASING PARTS IDENTIFICATION

A	Top Panel
B	Right Rear Corner Post
C	Left Rear Corner Post
D	Base Panel
E	Service Panel (Removed)
F	Fan Bracket
G	Electric Panel
H	Compressor Partition (with insulation)
J	Coil Support Brackets
K	Dual Valve Support Bracket

REVISED: SEPTEMBER, 1980
SUPERSEDES: JULY, 1980

7701-065

Air Conditioning

PARTS REPLACEMENT GUIDE – MODEL ACR 50000 AND ACR 51000 SERIES

ITEM	DESCRIPTION	MODELS & PART NUMBERS				
		ACR 50119-2	ACR 50124-2	ACR 50029-1	ACR 50036-2	ACR 50036-3
1	Compressor 1A 230V-1PH	–	–	8128-275	–	–
	Compressor 1S 230V-1PH	–	–	8130-140	–	–
	Compressor 2A 208/230V-1PH	–	–	8128-276	8128-300	–
	Compressor 2B 208/230V-1PH	8128-631	8128-630	–	–	–
	Compressor 2S 208/230V-1PH	8131-100	8131-200	8131-275	8131-300	–
	Compressor 3A 208/230V-3PH	–	–	–	–	8128-304
	Compressor 4A 460V-3PH	–	–	–	–	–
2	Pressure Control	–	–	–	–	–
3	Capacitor - Run	1200-326	1200-331	1200-331	1200-396	–
4	Contactor	1280-420	1280-420	1280-263	1280-460	1280-465
5	Crankcase Heater	1950-465	1950-465	1950-422	1950-422	1950-422
6	Fan Blade	2325-480	2325-480	2325-580	2325-268	2325-268
7	Fan Guard	2326-700	2326-700	2326-700	2326-700	2326-700
8	Rain Shield	2326-720	2326-720	2326-720	2326-720	2326-720
9	Cond. Fan Motor	1076-660	1076-660	1076-660	1076-660	1076-660
10	Capacitor (Fan) 5 MFD	1200-161	1200-161	1200-161	1200-161	1200-161
11	Valve Liquid 3/8 x 3/8	–	–	2960-103	2960-103	2960-103
	Valve Liquid 1/2 x 1/2	–	–	–	–	–
12	Valve Suction 3/4 x 3/4	–	–	2960-130	2960-130	2960-130
	Valve Suction 7/8 x 3/4	–	–	–	–	–
14	Valve Dual 1/4 x 5/8	2960-177	2960-177	–	–	–

PARTS REPLACEMENT GUIDE – MODEL A-R SERIES

ITEM	DESCRIPTION	MODELS & PARTS NUMBERS														
		A-R 503031-2	A-R 513036-2	A-R 512042-2	A-R 512042-3	A-R 512042-4	A-R 511048-2	A-R 513048-2	A-R 513048-3	A-R 513048-4	A-R 513055-2	A-R 513055-3	A-R 513055-4	A-R 513060-2	A-R 513060-3	A-R 513060-4
1	Compressor 2T 208/230V-1PH	8128-278	8128-315	8128-425	–	–	8128-605	8128-608	–	–	8128-605	–	–	8128-753	–	–
	Compressor 2S 208/230V-1PH	8131-280	8131-310	8131-315	–	–	–	–	–	–	–	–	–	–	–	–
	Compressor 3T 208/230V-3PH	–	–	–	8128-485	–	–	–	8128-665	–	–	8128-615	–	–	8128-820	–
	Compressor 4T 460V-3PH	–	–	–	–	8128-666	–	–	–	8128-671	–	–	8128-625	–	–	8128-821
2	Pressure Control (HIGH)	–	–	–	–	–	1390-807	1390-807	1390-807	1390-807	–	–	–	–	–	–
3	Capacitor - Run	1200-450	1200-450	1200-450	–	–	1200-410	1200-405	–	–	1200-410	–	–	1200-500	–	–
4	Contactor	1280-420	1280-460	1280-460	1280-465	1280-465	1280-460	1280-460	1280-465	1280-465	1280-460	1280-465	1280-465	1280-342	1280-465	1280-465
5	Crankcase Heater	1950-422	1950-422	1950-422	1950-422	1950-470	1950-427	1950-427	1950-427	1950-428	1950-427	1950-427	1950-428	1950-427	1950-427	1950-428
6	Fan Blade	2325-268	2325-270	2325-270	2325-270	2325-472	2325-271	2325-472	2325-472	2325-472	2325-472	2325-472	2325-472	2325-472	2325-472	2325-472
7	Fan Guard	2326-700	2326-870	2326-870	2326-870	2326-870	2326-870	2326-870	2326-870	2326-870	2326-870	2326-870	2326-870	2326-870	2326-870	2326-870
8	Rain Shield	2326-720	2326-720	2326-720	2326-720	2326-720	2326-720	2326-720	2326-720	2326-720	2326-720	2326-720	2326-720	2326-720	2326-720	2326-720
9	Cond. Fan Motor	1076-660	1076-660	1076-660	1076-621	1098-620	1077-660	1078-620	1078-620	1098-610	1078-620	1078-620	1078-620	1078-620	1078-620	1078-620
10	Capacitor (Fan) 5 MFD	1200-161	1200-161	1200-161	1200-161	1200-161	1200-161	1200-161	1200-161	1200-161	1200-161	1200-161	1200-161	1200-161	1200-161	1200-161
11	Valve Liquid 3/8 x 3/8	2960-103	2960-103	2960-103	2960-103	2960-103	2960-103	2960-103	2960-103	2960-103	–	–	–	–	–	–
	Valve Liquid 1/2 x 1/2	–	–	–	–	–	–	–	–	–	2960-110	2960-110	2960-110	2960-110	2960-110	2960-110
12	Valve Suction 3/4 x 3/4	2960-130	2960-130	–	–	–	–	–	–	–	–	–	–	–	–	–
	Valve Suction 7/8 x 3/4	–	–	2960-140	2960-140	2960-140	2960-140	2960-140	2960-140	2960-140	2960-140	2960-140	2960-140	2960-140	2960-140	2960-140
13	Start Capacitor	–	–	–	–	–	1201-910	1201-910	–	–	1201-910	–	–	1201-910	–	–

A = TECUMSEH COMPRESSORS
B or T = TECUMSEH COMPRESSORS
S = SUNSTRAND COMPRESSORS

OPTIONAL EQUIPMENT			
DESCRIPTION	PART NUMBER	WHERE USED:	PARTS INCLUDED
Start Assist Kit	81700-71	ACR 50119 thru 51042	1201-910 Capacitor
Booster Kit	81700-48	ACR 50119, 50124,50029 A-R 503031, A-R 513036	1201-745 Capacitor & 1420-192 Relay
Booster Kit	81700-55	ACR 50036 A-R 512042	1201-750 Capacitor 1340-510 Overload 1420-195 Relay
Booster Kit	81700-60	A-R 511048, 513048, 513055 A-R 513060	1420-190 Relay 1201-780 Start Capacitor
Low Ambient Control Kit	81700-81	All Models (Below 50°F Operation)	1390-300 Pressure Control
3 Minute Time Delay	1420-750	All Models	
Liquid Line Driers	2319-100	ACR 50029, 50036 A-R 503031, 513036, 512042	
	2319-110	A-R 511048, 513048	
	2319-120	A-R 513055, 513060	
	2319-249	ACR 50119, 50124	
Suction Line Drier	2319-400	ACR 50119, 50124, 50029, 50036 A-R 503031, 513036, 512042	
	2319-410	A-R 511048, 513048, 513055, 513060	
Protective Grille Kits	8895-900	ACR 50119	
	8895-905	ACR 50124, 50029	
	8895-910	ACR 50036, A-R 503031	
	8895-915	A-R 513036, 512042, 511048, 513048, 513055, 513060	
Fin Tube Replacement Coil Kits	8896-101	ACR 50119	
	8896-102	ACR 50124, 50029	
	8896-103	ACR 50036, A-R 503031	
	8896-104	A-R 513036, 512042, 511048	
	8896-106	A-R 513048, 513055, 513060	